

TRANSMITTAL LETTER TO THE UNITED STATES RECEIVING OFFICE

|   |   |                          |                              |
|---|---|--------------------------|------------------------------|
| Express Mail mailing number:  | ED 780108008 US   | Date of deposit:         | 10/553841<br>18 October 2003 |
| File reference no.: CH-7671US   | International application no. (if known): PCT/US2004/011554 |                          |                              |
| Title of the invention: MOLYBDENUM ALLOY X-RAY TARGETS HAVING UNIFORM GRAIN STRUCTURE |   |                          |                              |
| Earliest priority date claimed (Day/Month/Year):                                      |   | 23 Apr 2003 (23.04.2003) |                              |

☒ This is a new International Application

SCREENING DISCLOSURE INFORMATION:

In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (check as many boxes as apply):

- ☐ The invention disclosed was **not** made in the United States of America.
- ☐ There is no prior U.S. application relating to this invention.
- ☒ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on the Request (form PCT/RO/101) and this listing does **not** constitute a claim for priority.)

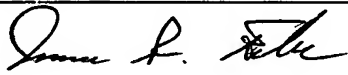
|                 |            |          |                            |
|-----------------|------------|----------|----------------------------|
| application no. | 60/464,755 | filed on | 23 April 2003 (23.04.2003) |
| application no. |            | filed on |                            |

- ☐ The present international application contains additional subject matter not found in the prior U.S. application(s) identified above. The additional subject matter is found on pages \_\_\_\_\_ and ☐ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 C.F.R. 5.15.

Itemized list of contents

|   |    |  |   |
|---|----|--|---|
| Sheets of Request form:                             | 3  | Check no.:                                     | --  |
| Sheets of description (excluding sequence listing): | 9  | Return receipt postcard:                       | 1   |
| Sheets of claims:                                   | 4  | Power of attorney:                             | --  |
| Sheets of abstract:                                 | 1  | Certified copy of priority document (specify): |   |
| Sheets of drawings:                                 | 3  | Other (specify):                               | PTO Form 1449 and copies of foreign patents |
| Sheets of sequence listing:                         | -- |  |   |
| Sequence listing diskette/CD:                       | -- |  |   |
| Tables related to sequence listing CD:              | -- |  |   |

The person signing this form is:

|   |   |
|---|---|
| <input type="checkbox"/> Applicant                                      | James R. Franks   |
| <input checked="" type="checkbox"/> Attorney/Agent (Reg. No.)<br>42,552 | Name of person signing  |
| <input type="checkbox"/> Common Representative                          | Signature<br> |

This collection of information is required by 37 CFR 1.10 and 1.412. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/553841

PTO-1382 (Rev. 07-2004)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| Tables related to sequence listing CD:              | -- |  |   |

The person signing this form is:

☐ Applicant☒ Attorney/Agent (Reg. No.)  
42,552☐ Common Representative

James R. Franks

Name of person signing

Signature



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Form PTO 1449  
Rev. 7-80

U.S. Department of Commerce  
Patent and Trademark Office  
**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use Several Sheets If Necessary)

Atty. Docket No.  
Ch7671US/MD02-151

Serial No.  
To Be Assigned

10/553841

Applicant  
James Daily et al

Filing Date  
Herewith

Group

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME               | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|-----------------|----------|--------------------|-------|----------|-------------------------------|
|                     | AA | 4,077,811       | 03/07/78 | Burman             | 148   | 11.5 F   |                               |
|                     | AB | 5,868,876       | 02/09/99 | Bianco et al       | 148   | 407      |                               |
|                     | AC | 6,390,876 B2    | 05/21/02 | Benz et al         | 445   | 28       |                               |
|                     | AD | 6,569,270 B2    | 05/27/03 | Segal              | 148   | 670      |                               |
|                     | AE | 6,595,821 B2    | 07/22/03 | Itoh et al         | 445   | 28       |                               |
|                     | AF | 6,707,883 B1    | 03/16/04 | Tieamey, Jr. et al | 378   | 144      |                               |
|                     | AG | 2001/0001401 A1 | 05/24/01 | Segal              | 148   | 670      |                               |
|                     | AH | 2001/0014568 A1 | 08/16/01 | Itoh et al         | 445   | 28       |                               |
|                     | AI | 2001/0036249 A1 | 11/01/01 | Benz et al         | 378   | 144      |                               |
|                     | AJ | 2003/0052000 A1 | 03/20/03 | Segal et al        | 204   | 298.13   |                               |
|                     | AK |                 |          |                    |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER | DATE     | COUNTRY       | CLASS | SUBCLASS | TRANSLATION |     |
|--|----|-----------------|----------|---------------|-------|----------|-------------|-----|
|  |    |                 |          |               |       |          | Yes         | No* |
|  | AL | 2004/022801 A1  | 03/18/04 | World Patent  |       |          |             |     |
|  | AM | 0 055 828       | 07/14/82 | Europe        |       |          |             |     |
|  | AN | 938,546         | 10/02/63 | Great Britain |       |          |             |     |
|  | AO | 02/070765 A1    | 09/12/02 | World Patent  |       |          |             |     |
|  | AP |                 |          |               |       |          |             |     |

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

|  |    |  |  |
|--|----|--|--|
|  | AR |  |  |
|  | AS |  |  |
|  | AT |  |  |

EXAMINER

DATE CONSIDERED

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

Neither English Language Equivalent nor an English Language Translation is available.